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Waste Site Reclassification Form

Date Submitted: 1/18/2005 **Originator:** CR Webb **Phone:** 373-5573	**Operable Unit(s):** 200-RO-2 **Waste Site ID:** 203-S & 205-S **Type of Reclassification Action:** Rejected: ◉ No Action: ○ Interim Closed Out: ○ Closed Out: ○	**Control Number:** 2004- 139

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The 203, and 205-S Facilities were constructed in the early 1950's as a process unit for the decontamination of uranyl nitrate hexahydrate (UNH) produced by Reduction Oxidation (REDOX) operations. The primary process unit consisted of a column filled with silica gel that removed traces of fission products from the UNH. The silica gel column (SG-1) was located in the underground 205-S vault. The vault also contained a waste neutralization tank. Operations in the vault were accomplished remotely. The 205-S facility was a two story, aboveground, chemical make-up building. It contained two chemical make-up tanks, a UNH sample room and extensive piping connected to the REDOX facility and the underground vault. The 203-S facility was an aboveground UNH storage facility that consisted of two 19,000 liter (5,000 gallon) stainless steel tanks that were set in an open concrete basin. There was also a 204-S Tank Farm, that consisted of four 190,000 liter (50,000 gallon) aboveground tanks set in two open concrete basins. A UNH Unloading Facility was located at the adjacent railroad siding. An aboveground UNH pipeline connected the 203-S, 204-S, 205-S Area to the 224-U (UO3 Plant).

Basis for reclassification:

The facilities were decommissioned and backfilled in 1983. Decommissioning activities included removing the aboveground equipment and structures, isolating utilities and removal of process equipment and above ground tanks. The bulk of the radioactive structures and equipment were removed and buried in radioactive landfills. No attempt was made to remove deep concrete structures or buried piping. The radioactive structures that were covered in place are the 203-S concrete tank basin, the 204-S concrete tank basin, the 205-S Vault, the 205-S building base pad, various isolated utility lines, the concrete encased waste transfer line from the REDOX facility to the tank farm, and the REDOX chemical sewer. The 205-S vault was stripped of equipment and filled with gravel and concrete. The concrete tank basins were backfilled with compacted soil. Structures were removed to a level equal to 0.6 meters (2 feet) below the railroad grade level. The final activities included placing signs and concrete monuments around the area. The area was then backfilled with clean dirt and surface stabilized. The surface stabilized area was given WIDS site code 200-W-22. This site should be consolidated with 200-W-22.

Steve Burgess	[signature]	1/19/05
DOE Project Manager	Signature	Date
John B. Price	[signature]	1/19/05
Ecology Project Manager	Signature	Date
EPA Project Manager	Signature	Date